Allowable Subject Matter

1.   Claims 11, 12, 15, 16, and 28 - 39 are allowed.

2.   The following is a statement of reasons for the indication of allowable subject

matter:

Regarding claims 11 28, 32, and 36, the prior arts do not explicitly disclose the

features:

when a number K of transmission-standby data frames exceeds the number N of

idle channels,

said STA waits until a relationship N $\geq$ K is satisfied, all radio channels become

idle before said relationship N $\geq$ K is satisfied, a prescribed time elapses before said

relationship N $\geq$ K is satisfied, or the number or a data size of transmission-standby data

frames reaches a prescribed value before said relationship N $\geq$ K is satisfied; and then

generates and simultaneously transmits data packets in a number according to

the number of idle radio channels.

Regarding claims 12, 29, 33, and 37, the prior arts do not explicitly disclose the

features:

when a number K of transmission-standby data frames is smaller than a number

N of idle channels,

said STA waits until a relationship N = K is satisfied, a prescribed time elapses

before said relationship N = K is satisfied, or the number or a data size of transmission-

standby data frames reaches a prescribed value before said relationship N = K is

satisfied; and then

generates and simultaneously transmits plural data packets.

Regarding claims 15, 30, 34, and 38, the prior arts do not explicitly disclose the features:

when a number K of transmission-standby data frames exceeds a number of simultaneous transmissions T, the number of simultaneous transmissions T being said sum of said MIMO numbers of said plural respective radio channels,

said STA waits until a relationship $T \geq K$ is satisfied, all radio channels become idle before said relationship $T \geq K$ is satisfied, a prescribed time elapses before said relationship $T \geq K$ is satisfied, or a number or a data size of transmission-standby data frames reaches a prescribed value before said relationship $T \geq K$ is satisfied; and then

said STA generates and simultaneously transmits data packets in a number according to the number of simultaneous transmissions.

Regarding claims 16, 31, 35, and 39, the prior arts do not explicitly disclose the features:

when a number K of transmission-standby data frames is smaller than a number of simultaneous transmissions T, the number of simultaneous transmissions T being said sum of said MIMO numbers of said plural respective radio channels,

said STA waits until a relationship T = K is satisfied, a prescribed time elapses

before said relationship T = K is satisfied, or a number or a data size of transmission-

standby data frames reaches a prescribed value before said relationship T = K is

satisfied; and then

said STA generates and simultaneously transmits plural data packets.

Conclusion

Any inquiry concerning this communication or earlier communications from the
examiner should be directed to JUVENA LOO whose telephone number is (571)270-
1974. The examiner can normally be reached on Monday - Friday: 7:30am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Kwang Yao can be reached on (571) 272-3182. The fax phone number for
the organization where this application or proceeding is assigned is 571-273-8300.

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/Hanh Nguyen/
Primary Examiner, Art Unit 2473

JUVENA LOO
Examiner
Art Unit 2473
June 4, 2010